INTRODUCTION
The Temperature Probe Series consists of thermocouple sensors. The models are designed for specific measurement applications such as liquids, solids, gases and surfaces (see reverse side). These probes are designed to operate with Amprobe temperature sensing multimeters, or the Amprobe Model TC-253C Temperature /Voltage Converter DMM accessory.

THERMOCOUPLE PROBES
Probes use Type K (chromel-alumel) thermocouple sensors for a wide temperature range. Five models are available for specific applications (see reverse side). All probes use a standard compensated mini-connector for attachment directly to the meter or MH101KA Probe Handle. Accuracy is rated at ±1°C, ±2°F, or 0.4% of reading, whichever is greater.

Note: When using with multimeters, thermocouple plug must be unplugged for direct voltage, resistance, or current measurements.

Limited Warranty and Limitation of Liability
Your Amprobe product will be free from defects in material and workmanship for 1 year from the date of purchase. This warranty does not cover fuses, disposable batteries or damage from accident, neglect, misuse, alteration, contamination, or abnormal conditions of operation or handling. Resellers are not authorized to extend any other warranty on Amprobe's behalf. To obtain service during the warranty period, return the product with proof of purchase to an authorized Amprobe Test Tools Service Center or to an Amprobe dealer or distributor. See Repair Section for details. THIS WARRANTY IS YOUR ONLY REMEDY. ALL OTHER WARRANTIES - WHETHER EXPRESS, IMPLIED OR STATUTORY - INCLUDING IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, ARE HEREBY DISCLAIMED. MANUFACTURER SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, ARISING FROM ANY CAUSE OR THEORY. Since some states or countries do not allow the exclusion or limitation of an implied warranty or of incidental or consequential damages, this limitation of liability may not apply to you.

SYMBOLS
△ Caution, risk of electric shock
△ Refer to the manual

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## TEMPERATURE PROBES

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>DESCRIPTION</th>
<th>TEMP. RATING</th>
<th>APPLICATION</th>
<th>INDICATING TIME (99%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH101KA</td>
<td>Master Probe Extension Probe Handle Type K T/C. Includes 1 ft of 4:1 expandable cable (48”). For use with TP110K, 120K, and 130 K Probes.</td>
<td>Handle for TP110KA, TP120KA, and TP130KA</td>
<td></td>
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</tr>
<tr>
<td>TP110KA</td>
<td>Immersion Probe A general purpose immersion sensor with grounded junction for fast response. Stainless steel sheath. For use with Model MH101K Probe Handle.</td>
<td>650°C (1200°F)</td>
<td>Liquids</td>
<td>10 seconds</td>
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<tr>
<td>TP120KA</td>
<td>Surface Probe Heavy Duty, fast response sensor for surface measurements of hot plates, furnaces, molds, etc. Stainless steel sheath. For use with Model MH101K Probe Handle.</td>
<td>650°C (1200°F)</td>
<td>Surface</td>
<td>6 seconds</td>
</tr>
<tr>
<td>TP130KA</td>
<td>Air Probe Exposed junction air sensor with radiation protection shield. Suitable for all air/gas measurements. For use with MH101K Probe Handle.</td>
<td>650°C (1200°F)</td>
<td>Air/gas</td>
<td>45 seconds</td>
</tr>
<tr>
<td>TP255A</td>
<td>Bead Probe 4 ft. long K-type beaded T/C wire. Includes standard miniconnector.</td>
<td>200°C (392°F)</td>
<td>Air/gas</td>
<td>5 seconds</td>
</tr>
<tr>
<td>TP254A</td>
<td>Immersion Probe General purpose sensor with inconel sheath and plastic handle.</td>
<td>1100°C (2012°F)</td>
<td>Liquids</td>
<td>10 seconds</td>
</tr>
</tbody>
</table>

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